GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:2255
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PSLV-C7
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Will the Minister of SPACE be pleased to state:

(a) whether India has launched PSLV-C7 from Sriharikota in the recent past;

(b) if so, the salient features thereof; and

(c) the extent to which various agencies are likely to be benefited by PSLV-C7?

Answer

MINISTER OF STATE IN THE PRIME MINISTER`S OFFICE (SHRI PRITHVIRAJ CHAVAN)

(a) Yes, Sir.

(b) PSLV-C7 was launched on January 10, 2007 from Satish Dhawan Space Centre SHAR, Sriharikota. This was the tenth flight of PSLV and in this mission, it launched four satellites - India`s CARTOSAT-2 and Space capsule Recovery Experiment (SRE-1), Indonesia`s LAPAN-TUBSAT and Argentina`s PEHUENSAT-1. All the satellites were placed precisely in the specified 635 km high polar orbit.

(c) With the successful launch of PSLV-C7, India could place its remote sensing satellite CARTOSAT-2 in polar orbit that will be used for detailed mapping of the country and other cartographic applications at cadastral level, urban and rural infrastructure development and management, as well as applications in Land Information System (LIS) and Geographical Information System (GIS).

Space capsule Recovery Experiment (SRE-1) has demonstrated the technology of orbiting a space capsule for performing experiments in microgravity conditions of space and, after the completion of the experiments, to de-orbit and recover the capsule.

LAPAN-TUBSAT is used by Indonesian Space Agency for earth observation demonstration and to prove the satellite control systems.

PEHUENSAT is used by Argentina to perform amateur radio experiments.